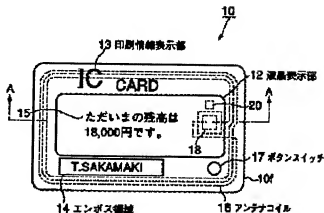


LAMINATED POWER GENERATION DISPLAY TYPE IC CARD

Patent number: JP2001338273
Publication date: 2001-12-07
Inventor: SAKAMAKI TERUO
Applicant: DAINIPPON PRINTING CO LTD
Classification:
- international: G06K19/07; B42D15/10; G02F1/13; G02F1/133; G02F1/1334; G02F1/1335; G06K19/077; H01L31/04
- european: G06K19/077T
Application number: JP20000154134 20000525
Priority number(s): JP20000154134 20000525

Abstract of JP2001338273

PROBLEM TO BE SOLVED: To provide a laminated power generation display type IC card, with which a display area is expanded by laminating a solar cell on the back surface of a liquid crystal display part, concerning an IC card having the display part. **SOLUTION:** Concerning a laminated power generation display type IC card 10, on a display type IC card having both a reflection type liquid crystal display part 12 and a solar cell, the solar cell for power generation is provided, while being laminated on the back of the liquid crystal display part on the front side of the card and a display part driving power is generated by beams transmitted through a liquid crystal layer. By using polymer network type liquid crystal materials for the liquid crystal layer of such a reflection type liquid crystal display part, transparency can be improved and electromotive force can be improved.



Data supplied from the esp@cenet database - Worldwide